

### Listing of the Claims

1. (Currently Amended) A detector comprising a base structure (1, 1', 1'', 1''')-with guide elements-(2),
  - detector modules (3)-with at least one respective guide structure (4)-for positioning relative to at least one of the respective guide elements-(2), wherein
  - the guide elements (2)-extend in a first direction,
  - at least two of the detector modules (3)-are positioned consecutively on one of the guide elements (2)-in the first direction (R1)-and
  - there are guide elements (2)-which are separated from one another in a second direction-(R2).
  
2. (Currently Amended) A detector as claimed in claim 1, ~~characterized in that~~ wherein at least two of the detector modules (3)-in the second direction (R2)-are arranged consecutively on at least two of the guide elements-(2).
  
3. (Currently Amended) A detector as claimed in claim 1 ~~or 2, characterized in that~~ wherein at least one spacer element (21)-is arranged on at least one of the guide elements (2)-between the base structure (1, 1', 1'', 1''')-and one of the detector modules (3)-or between two of the detector modules-(3).
  
4. (Currently Amended) A detector as claimed in ~~any one of claims 1 to 3,~~ ~~characterized in that~~ wherein the guide elements (2)-in the second direction (R2)-are arranged next to one another with a spacing pattern and the extent of the detector modules (3)-in the second direction (R2)-substantially equals a spacing between two of the guide elements-(2).
  
5. (Currently Amended) A detector as claimed in ~~any one of claims 1 to 4,~~ ~~characterized in that~~ wherein the base structure (1, 1', 1'', 1''')-is curved in the second direction-(R2).

6. (Currently Amended) A detector as claimed in ~~any one of~~ claims 1 ~~to~~ 5, characterized in that wherein at least two of the detector elements (3) have a different shape.

7. (Currently Amended) A detector as claimed in ~~any one of~~ claims 1 ~~to~~ 6, characterized in that wherein the guide elements (2) are rods.

8. (Currently Amended) A detector as claimed in ~~any one of~~ claims 1 ~~to~~ 7, characterized in that wherein at least one clamping element (22) is provided for fixing one of the detector modules (3).

9. (Currently Amended) A detector according to ~~any one of~~ claims 1 ~~to~~ 8, characterized in that wherein the detector modules (3) each have at least one respective continuous recess (31) in the first direction (~~R1~~).

10. (Currently Amended) An X-ray device in which a detector as claimed in ~~any one of~~ claims 1 ~~to~~ 9 is used.

11. (Currently Amended) Method for manufacturing a detector, in particular for use in an X-ray device, in which detector modules (3) are slipped each on at least one guide element (2) by means of at least one respective guide structure (4) of the respective detector module (3), whereby the guide elements (2) extend in a first direction (~~R1~~) of a base structure (1, 1', 1'', 1''') and wherein at least two of the detector modules (3) being consecutively slipped onto one of the guide elements (2) and there are detector modules (3) that are separated from one another in a second direction (~~R2~~).